

## MAX-HDMI42/AP4

### 4-in 2-out HDMI Matrix Switcher (\*Version 1.4)



The ABtUS **MAX-HDMI42/AP4** HDMI Matrix Switcher provides the most cost effective and simple HDMI switching solution in the market, Full HD Video and Audio can now be switched onto 2 different display with lossless quality. The switcher also support all Full HD 3D formats of HMDI 1.4A as well as resolution from 2560 x 1600 to 4096 x 2160 @ 60 Hz.

With the upmost 30/36 bit deep color video and high definition audio support, this switcher is suitable for high quality HDMI 1.4 broadcasting, digital signage and showroom applications.

*\*Note: However there is no support in ARC and Ethernet.*

#### Features

- Full HD 1080p
- HDMI Version 1.4A, support Full 1080p 3D
- Support Single Link Resolution from 2560 x 1600 to 4096 x 2160 @ 60Hz
- Support CEC passthrough. (Based on Output 1)

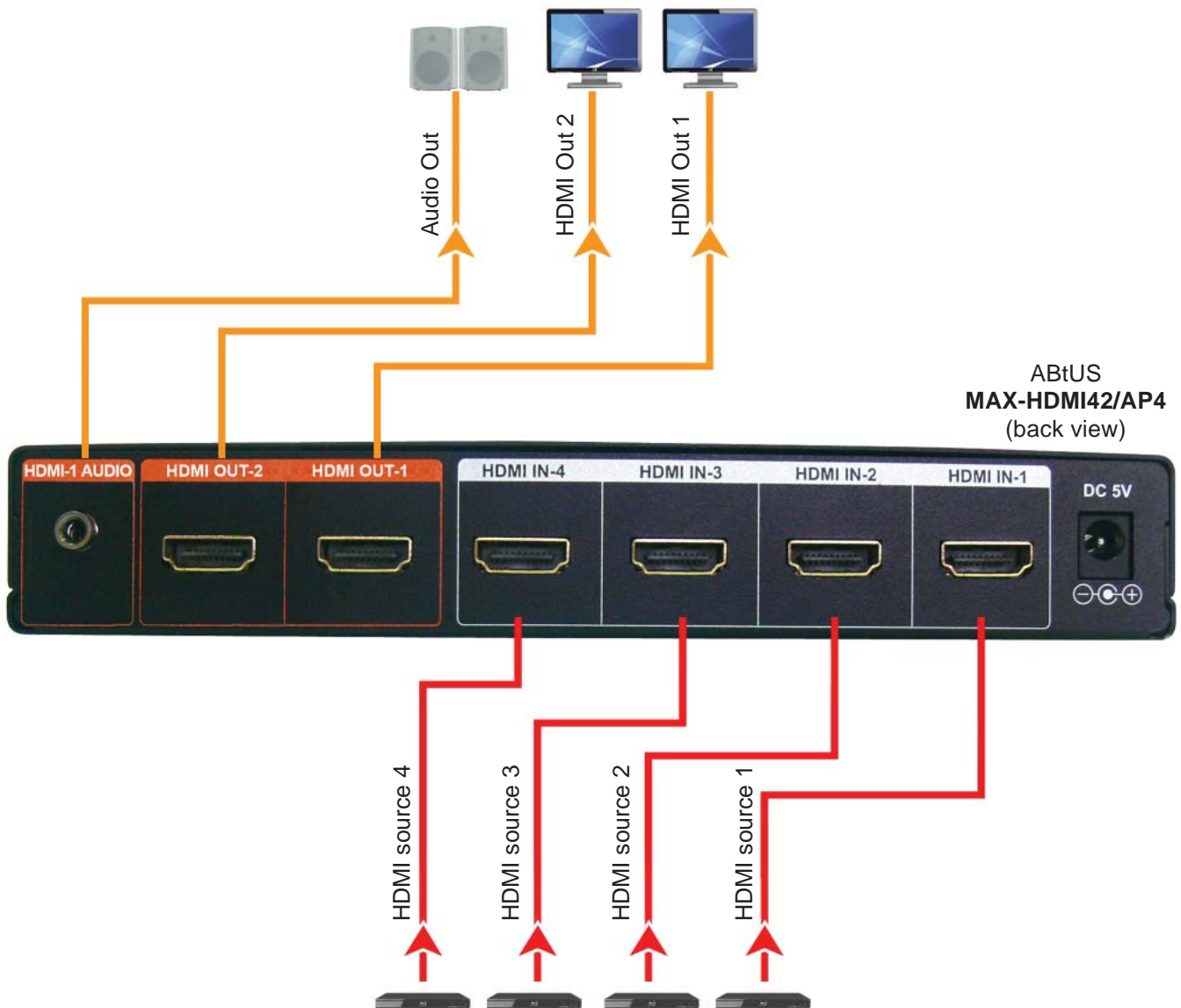
#### Technical specification

<b>Input:</b>	4 x HDMI (*Type A 19pin female)
<b>Output:</b>	2 x HDMI (*Type A 19pin female)
<b>Control port:</b>	RS-232
<b>HDMI compliance:</b>	1080p 60Hz version 1.4A
<b>HDCP compliance:</b>	Yes
<b>Video bandwidth:</b>	Single-link 225 MHz (9Gbps)
<b>Video support:</b>	2560 x 1600 to 4096 x 2160, Full HD 3D & 1080p@60Hz 36-bit
<b>Audio support:</b>	Surround Sound (up to 7.1ch) or Stereo Digital Audio
<b>Audio return channel:</b>	No
<b>Ethernet channel:</b>	No
<b>Transmission range:</b>	Full HD (1080p) up to 15m (*AWG 24 HDMI cable)
<b>Input DCC signal:</b>	5 Volts (peak to peak, TTL)
<b>ESD protection:</b>	[1] Human body model - ±15kV [air-gap discharge] & ±15kV [contact discharge] [2] Core chipset - ±15Kv
<b>PCD Stachk-up:</b>	6-layer board impedance control-different 100ohm; Single 50ohm
<b>Power supply:</b>	5V DC 1.2A
<b>Operation temperature:</b>	0~40°C [32~104°F]
<b>Storage temperature:</b>	-20~60°C [-4~140°F]
<b>Relative humidity:</b>	20~90% RH [no condensation]
<b>Gross dimension:</b>	310 x 240 x 58 mm
<b>Gross weight:</b>	1 kg

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### Diagram



Note:  
MAX-HDMI42/AP4 Support CEC passthrough.  
To turn off CEC control, please disable CEC at the Input Source.